

POLYLACTIC ACID BASED HEAT-SHRINKABLE SHEET-FORM ARTICLE

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Abstract:

PROBLEM TO BE SOLVED: To provide a polylactic acid based heat-shrinkable sheet-form article having sufficient heat-shrinking property and heat-welding property, and also, provide a shrinkable label comprising the heat-shrinkable sheet-form article. **SOLUTION:** This sheet-form article comprises front and rear layers and an intermediate layer of which the major component is a polylactic acid. A sheet-form article comprising a laminated film, wherein a relationship between the ratio DA(%) of a D-lactic acid of a crystalline polylactic acid (A) of the front and rear layers, and the ratio DB(%) of a D-lactic acid of a polylactic acid (B) of the intermediate layer satisfies $DA \leq DB$, and also, $0.5\%(DA\%)(6\%), 4\%(DB\%)(96\%)$, is dipped in hot water at 80°C for 10 seconds at least in one axial direction. Then, the heat-shrinkage factor at this time of the polylactic acid based heat-shrinkable sheet-form article (film or sheet) having shrinkability becomes 10% or higher.